

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

F 1. (Previously Presented) A method of manufacture of a composite product comprising at least one layer of reinforcing woven material and at least one layer of PTFE foil or ePTFE foil comprising the steps of:

laminating said at least one layer of foil together with said at least one layer of woven material by heat and pressure, to form a laminated foil and woven material having a partial length and a preceding partial length, wherein said laminating is carried out at approximately 380° C to 400° C under a pressure of 0.1 to 20 N/mm²; and

cooling said laminated foil and woven material in a fully or partly fixed state, wherein said laminated foil and woven material is cooled under pressure, from about 300 to 420 ° C to about 50 ° C in about 0.1 to 240 seconds,

wherein said laminating and cooling is conducted continuously whereby cooling of said partial length of said laminated foil and woven material is carried out simultaneously with the heating of said preceding partial length of said laminated foil and woven material.

2. (Currently Amended) A method according to claim 1, wherein said laminated foil and woven material ~~composite material~~ is cooled from about 380 to 400 °C to about 50 °C in about 20 to 120 seconds.

3. (Currently Amended) A method according to claim 1, wherein the laminated foil and woven material ~~composite material~~ is subject to a tension during cooling.

4. (Currently Amended) A method according to claim 1, further comprising applying pressure to the laminated foil and woven material ~~composite material~~ by means for pressure application.

5. (Previously Presented) A method according to claim 4, wherein the means for pressure application is provided with cooling means.

6. (Previously Presented) A method according to claim 4, wherein the pressure is applied continuously by at least one roller.

7. (Previously Presented) A method according to claim 4, wherein the pressure is applied intermittently by a pressure surface.

8. (Currently Amended) A method according to claim 1, wherein the laminated foil and woven material ~~composite material~~ is cooled by a substantially uniform pressure on the surface.

9. (Previously Presented) A composite product comprising at least one layer of reinforcing woven material and at least one layer of PTFE or ePTFE foil, wherein said at least one foil is laminated together with said at least one layer of woven material by heat and pressure, wherein the composite material is subsequently cooled in a fully or partly fixed state, and wherein said composite material is cooled from about 300 to 420 ° C to about 50 ° C in about 0.1 to 240 seconds.

10. (Previously Presented) A composite product according to claim 9, wherein the reinforcing woven material comprises glass fiber fabric or PTFE coated glass fiber fabric.

11. (Currently Amended) An apparatus for manufacture of a composite material comprising at least one layer of reinforcing woven material and at least one layer of PTFE foil or ePTFE foil, where said at least one layer of foil is laminated together with said at least one layer of woven material by heat and pressure, said apparatus comprising:

means for laminating said at least one layer of reinforcing woven material and said at least one layer of foil together, wherein said at least one layer of foil is laminated together with said at least one layer of woven material at approximately 380° C to 400° C under a pressure of 0.1 to 20 N/mm², wherein said means for laminating said at least one layer of reinforcing woven

material and at least one layer of PTFE foil or ePTFE foil comprises a combined pressure and heat supply;

means for fixation of the uncooled or partly cooled laminated at least one layer of reinforcing woven material and at least one layer of PTFE foil or ePTFE foil; and

a controllable ~~curing~~ cooling means,

wherein said fixation means cooperates with said controllable cooling means, wherein said apparatus is suitable for cooling said composite material under pressure from about 300 to 420° C to about 50° C in about 0.1 to about 240 seconds.

12. (Previously Presented) An apparatus according to claim 11, wherein the means for fixation and the associated controllable cooling means comprise at least one pressure surface having integrated cooling means.

13. (Previously Presented) An apparatus according to claim 11, wherein the means for fixation and the associated controllable cooling means comprise at least one roller having integrated cooling means.

14. (Previously Presented) The method of claim 1, wherein said cooling is carried out at a pressure of from 0.1 to 20 N/mm².
